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UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
MARKET NEWS SECTION - COTTON DIVISION  
4841 SUMMER AVENUE, MEMPHIS, TENNESSEE 38122



*United States Cotton Quality Report For Ginnings Prior To October 1, 1974*

Vol. 48, No. 2

October 16, 1974

Upland cotton ginned prior to October 1 this season contained large proportions of high-grade, medium-staple cotton, according to the Department of Agriculture, Agricultural Marketing Service. Grade 31 and higher White grades accounted for over a fourth of total ginnings, the largest proportion in nine years. Cotton stapling 34 and longer represented two-thirds of ginnings through September 30, the largest proportion since the 1968-69 season. Fiber strength test results showed that cotton in this season's early ginnings was as strong as a year earlier. Micronaire tests indicated that there was more high-mike cotton in this season's ginnings prior to October 1 than a year ago.

Grade 31 and higher White grades accounted for 27 percent of total upland ginnings prior to October 1 this season. This is up sharply from the nine percent in last season's ginnings and represents the largest proportion of ginnings in these higher grades since the 1965-66 season. The percentage of ginnings in all White grades - 71 percent - was the highest in five years. Twenty-nine percent of ginnings through September 30 was in the Light Spotted and other Colored grades, down from the 39 percent of a year ago. The grade index was 93.2 (grade 31 = 100), the highest in five years.

Cotton stapling 34 and longer comprised 66 percent of upland ginnings through September 30. This was the largest proportion of ginnings in these medium and longer staples since 1968-69 and compares with 62 percent a year earlier. The staples 32 and 33, combined, were equivalent to 22 percent of this season's ginnings prior to October 1, down from the 29 percent in last year's ginnings. The lengths 31 and shorter represented 12 percent of ginnings compared with nine percent last year. The average staple was 33.6 thirty-seconds inches, the same as a year earlier.

Fiber strength of cotton ginned prior to October 1 this season averaged 85,000 pounds per square inch. This is the same as in the two previous seasons. Cotton weaker than 80,000 pounds per square inch made up 16 percent of ginnings compared with 17 percent last season. Cotton 90,000 pounds and stronger comprised 18 percent of this season's ginnings against 17 percent a year earlier.

The average mike of upland cotton ginned prior to October 1 this season was 4.4 compared with 4.5 last season. Cotton miking 3.4 and below comprised five percent of total ginnings against three percent last year. Cotton in the 3.5-4.9 mike range accounted for 72 percent of total ginnings, down from the 83 percent in last season's ginnings. Twenty-four percent of ginnings through September 30 miked 5.0 and above compared with 14 percent a year ago.

Cotton ginned prior to October 1 this season totaled 827,000 running bales, according to the Bureau of the Census. This compares with ginnings of 496,000 bales prior to October 1 last season and 1,821,000 bales two years ago.



Table 1. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	September 1-30			Season through September 30			Supply to October 1			Change in Supply	
		1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1974 from 1973
		Bales	Bales	Pct.	Pct.	Bales	Bales	1,000 bales	1,000 bales	Pct.	Pct.	1,000 bales
<b>White</b>												
G.M.	(11)	-	-	-	-	-	-	**	1	*	*	+1
S.M.	(21)	2,329	1,055	0.6	0.4	2,438	3,812	35	34	0.8	0.7	-1
M.+	(31)	108	8	*	*	108	127	30	27	0.7	0.6	-3
M.	(31)	36,624	67,177	10.1	23.7	42,014	215,340	310	718	7.1	16.0	+408
S.L.M.+	(41)	3,547	8,309	1.0	2.9	4,142	14,303	291	319	6.7	7.0	+28
S.L.M.	(41)	116,794	74,683	32.5	26.5	154,014	275,458	997	1,276	22.7	28.3	+279
L.M.+	(50)	6,783	2,915	1.9	1.0	7,540	7,233	305	268	7.0	5.9	-37
L.M.	(51)	55,734	19,035	15.4	6.7	81,243	61,997	544	383	12.5	8.4	-161
S.G.O.+	(60)	514	37	0.1	*	569	450	14	14	0.3	0.3	0
S.G.O.	(61)	8,606	2,039	2.4	0.7	11,589	6,225	139	60	3.2	1.3	-79
G.O.+	(70)	-	-	-	-	-	65	3	2	0.1	*	-1
G.O.	(71)	867	295	0.2	0.1	1,115	699	18	7	0.4	0.2	-11
<b>Light Spotted</b>												
G.M.	(12)	-	-	-	-	-	-	**	**	*	*	0
S.M.	(22)	10	162	*	0.1	32	709	5	16	0.1	0.4	+11
M.	(32)	15,224	16,027	4.2	5.7	17,844	62,028	133	562	3.1	12.4	+429
S.L.M.	(42)	63,276	49,858	17.5	17.6	99,081	119,204	489	517	11.2	11.4	+28
L.M.	(52)	26,084	28,202	7.2	10.0	38,196	39,895	260	132	6.0	2.9	-128
<b>Spotted</b>												
G.M.	(13)	-	-	-	-	-	-	**	-	*	*	0
S.M.	(23)	-	8	-	*	-	8	6	6	0.1	0.1	0
M.	(33)	219	404	0.1	0.1	605	945	90	58	2.1	1.3	-32
S.L.M.	(43)	7,903	4,273	2.2	1.5	14,364	6,439	263	51	6.0	1.1	-212
L.M.	(53)	10,705	6,091	3.0	2.2	14,131	7,104	138	32	3.2	0.7	-106
Tinged 2/ (14-54)		749	376	0.2	0.1	891	387	175	11	4.0	0.2	-164
Stained 2/ (15-35)		-	-	-	-	-	-	3	1	0.1	*	-2
<b>Light Gray</b>												
G.M.	(16)	-	-	-	-	-	-	2	-	*	*	-2
S.M.	(26)	-	14	-	*	-	323	**	1	*	*	+1
M.	(36)	434	117	0.1	*	881	1,388	22	4	0.5	0.1	-18
S.L.M.	(46)	189	149	0.1	0.1	276	420	20	3	0.5	0.1	-17
<b>Gray</b>												
G.M.	(17)	-	-	-	-	-	-	-	-	-	-	-
S.M.	(27)	-	-	-	-	-	13	1	**	*	*	-1
M.	(37)	-	15	-	*	22	112	3	1	0.1	*	-2
S.L.M.	(47)	10	-	*	-	32	22	11	1	0.3	*	-10
Below Grade 3/		4,448	1,775	1.2	0.6	4,995	2,581	52	29	1.2	0.6	-23
All grades		361,157	283,024	100.0	100.0	496,122	827,287	4,359	4,534	100.0	100.0	+175

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

\* Less than 0.05 percent. \*\* Less than 500 bales.

Table 2. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple Code	September 1-30			Season through September 30			Supply to October 1			Change in Supply	
	1973		1974	1973		1974	1973		1974	1973	1974 from 1973
	Bales	Pct.	Bales	Bales	Pct.	Bales	1,000 bales	Pct.	1,000 bales	1,000 bales	
26 and shorter	-	-	8	-	*	8	1	*	-	-1	-100.0
28	-	-	115	-	*	169	26	*	13	-13	-50.0
29	319	0.1	2,725	353	1.0	4,252	90	0.5	104	+14	+15.6
30	4,463	1.2	29,495	5,067	10.4	45,391	390	5.5	458	+68	+17.4
31	36,923	10.2	18,084	41,213	6.4	46,035	372	5.6	455	+83	+22.3
32	66,653	18.5	8,573	75,469	3.0	39,080	419	4.7	424	+5	+1.2
33	50,387	14.0	19,777	67,125	7.0	144,090	535	17.4	592	+57	+10.7
34	116,034	32.0	70,425	191,693	24.9	364,673	1,455	44.1	1,302	-153	-10.5
35	54,893	15.2	126,972	83,662	44.9	175,974	787	21.3	891	+104	+13.2
36	27,640	7.7	6,831	27,695	2.4	7,585	226	0.9	226	0	-
37	3,597	1.0	19	3,597	*	30	42	*	57	+15	+35.7
38	248	0.1	-	248	-	-	13	-	9	-4	-30.8
39	-	-	-	-	-	-	2	-	**	-2	-100.0
40 and longer	-	-	-	-	-	-	1	-	3	+2	+200.0
All staples	361,157	100.0	283,024	496,122	100.0	827,287	4,359	100.0	4,534	+175	+4.0

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

\*\* Less than 500 bales.

Table 3. Specified measures of quality for upland ginnings 1/

Item	September 1-30		Season through September 30		Supply to October 1	
	1973		1973		1973	
	1973	1974	1973	1974	1973	1974
Grade index (Mid. White=100)	89.7	91.8	89.3	93.2	88.8	92.8
Average staple, 32nd. inch	33.5	33.7	33.6	33.6	33.3	33.2
Rough preparation, percent	*	0.1	*	*	-	-
Tenderable, percent 2/	52.6	54.6	49.8	53.7	-	-
Average mike reading	4.4	4.5	4.5	4.4	-	-
Average fiber strength (Mpsi)	85.7	85.8	84.7	84.9	-	-

1/ Data for current season are preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures contracts.

\* Less than 0.05 percent.



Table 4. Percentage distribution of micronaire readings for upland ginnings prior to October 1, 1974 with 1973 comparisons, by states <sup>1/</sup>

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Totals				Average mike			
	1973	1974	Pct.	Pct.	1973	1974	Pct.	Pct.	1973	1974	Pct.	Pct.	1973	1974	Pct.	Pct.	1973	1974	Pct.	Pct.	5.0 and above		Rdg.	Rdg.		
																					1973	1974			1973	1974
N. C.	-	-	-	-	0.3	-	0.6	-	15.3	-	56.0	-	26.6	-	1.2	-	-	0.9	-	97.9	-	1.2	-	4.3	-	
S. C.	-	-	-	-	0.2	-	0.2	0.8	6.6	1.6	47.9	31.3	40.8	50.2	4.1	13.8	0.2	2.3	0.4	0.8	95.3	83.1	4.3	16.1	4.4	4.6
Ga.	-	-	-	-	-	0.1	0.1	-	6.5	1.8	32.5	20.3	43.2	48.9	14.0	20.0	3.7	8.9	0.1	0.1	82.2	71.0	17.7	28.9	4.6	4.7
Ala.	-	-	-	-	-	0.2	5.1	0.4	9.2	3.5	39.0	27.1	36.4	38.9	10.3	23.1	-	6.8	5.1	0.6	84.6	69.5	10.3	29.9	4.4	4.7
Miss.	-	-	-	-	-	0.1	0.1	0.2	1.9	3.2	18.4	18.8	52.3	54.4	21.2	19.8	6.1	3.5	0.1	0.3	72.6	76.4	27.3	23.3	4.7	4.7
Tenn.	-	-	-	-	-	-	-	-	3.0	-	18.0	-	44.0	-	30.0	-	5.0	-	-	-	65.0	-	35.0	-	4.8	-
Ark.	-	-	-	3.8	0.6	-	0.6	-	4.0	15.3	21.0	46.3	38.8	34.6	22.7	-	12.3	-	1.2	3.8	63.8	96.2	35.0	-	4.7	4.3
La.	-	-	-	0.2	-	0.1	-	-	-	0.9	7.8	11.0	32.7	53.0	26.1	22.2	33.4	12.6	-	0.3	40.5	64.9	59.5	34.8	5.0	4.8
Tex.	*	0.6	0.4	1.5	2.3	2.0	3.2	11.5	18.8	27.5	26.6	43.3	23.2	11.5	18.4	2.1	7.1	4.1	5.9	82.3	68.6	13.6	25.5	4.5	4.4	
Ariz.	-	-	-	-	-	0.1	1.0	0.2	4.7	6.4	40.3	32.5	48.9	45.9	5.1	13.2	-	1.7	1.0	0.3	93.9	84.8	5.1	14.9	4.5	4.5
Calif.	-	-	-	0.1	-	-	0.1	19.7	9.4	63.3	67.8	16.7	19.4	0.2	2.9	-	0.4	0.1	0.1	99.7	96.6	0.2	3.3	4.2	4.3	
Other	-	-	-	-	-	-	-	-	11.9	4.1	49.7	34.4	28.9	46.4	2.4	9.6	7.1	5.5	-	-	90.5	84.9	9.5	15.1	4.4	4.6
U. S.	*	0.4	0.3	1.2	1.8	1.5	2.6	10.5	15.8	29.8	29.0	42.3	27.0	11.6	17.1	2.7	6.4	3.1	4.7	82.6	71.8	14.3	23.5	4.5	4.4	

<sup>1/</sup> Data for current season are preliminary.

\* Less than 0.05 percent.

Table 5. Percentage distribution of fiber strength for upland cotton ginnings prior to October 1, 1974 with 1973 comparisons, by states <sup>1/</sup>

State	Zero Gage Fiber Strength (Mpsi)																		Average strength			
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above		Mpsi	Mpsi		
	1973	1974	Pct.	Pct.	1973	1974	Pct.	Pct.	1973	1974	Pct.	Pct.	1973	1974	Pct.	Pct.	1973	1974			Pct.	Pct.
Ga.	-	-	-	1.4	0.2	6.5	6.6	39.8	39.5	39.8	49.7	11.1	3.9	1.4	0.1	-	-	-	-	84.4	80.2	
Ala.	-	-	-	-	-	1.0	9.8	21.7	51.4	55.9	35.8	19.0	3.0	2.4	-	-	-	-	-	83.9	82.3	
Miss.	-	-	-	-	1.8	-	15.4	4.1	41.7	38.9	32.3	51.3	8.8	5.7	-	-	-	-	-	83.8	85.1	
Tenn.	-	-	-	-	-	-	14.0	-	40.8	-	24.5	-	20.7	-	-	-	-	-	-	84.5	-	
Ark.	-	-	-	-	-	-	2.7	6.7	26.4	73.2	51.1	13.4	19.8	6.7	-	-	-	-	-	86.4	83.2	
La.	-	-	-	-	-	0.4	-	25.7	-	47.3	-	24.6	-	2.0	-	-	-	-	-	-	82.0	
Tex.	-	-	0.2	*	3.6	0.8	14.9	16.7	33.6	36.0	33.2	30.2	13.0	12.1	1.5	3.5	*	0.7	84.1	84.5		
Ariz.	-	-	-	-	-	0.7	1.4	4.7	19.3	22.9	65.3	51.9	13.3	16.3	0.7	3.0	-	0.5	86.6	86.5		
Calif.	-	-	-	-	-	-	-	2.2	0.8	11.8	7.6	29.4	10.4	27.1	31.4	21.8	49.8	7.7	99.1	90.9		
U. S.	-	-	0.1	*	3.1	0.9	13.6	15.5	33.2	34.4	33.5	31.1	12.5	12.5	2.3	4.5	1.7	1.1	84.7	84.9		

<sup>1/</sup> Data for current season are preliminary.  
\* Less than 0.05 percent.



Table 6. Percentage distribution of the grade of upland cotton ginned prior to October 1, 1974 with 1973 comparisons, by states 1/

State	White										Light Spotted								Other colored				Below Grade				Grade index 2/			
	SM 21 & higher		M+		M		SIM+		SIM		IM+		IM		SGO+		SM 22 & higher		M		SIM 42		IM 52		Other colored		Below Grade		Grade index 2/	
	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974
N. C.	-	0.3	-	0.9	-	0.6	-	48.9	-	13.4	-	28.4	-	3.3	-	-	-	-	-	-	3.3	-	0.6	-	-	-	0.3	-	90.1	-
S. C.	0.2	-	-	2.5	9.2	0.6	-	34.4	29.0	8.8	0.8	38.4	6.9	5.7	-	-	-	0.2	12.2	5.0	35.1	3.6	1.5	0.4	5.3	0.2	-	88.5	91.6	
Ga.	0.2	0.1	-	5.7	2.0	1.9	1.2	45.0	44.5	11.9	2.6	21.5	17.0	0.9	1.6	-	-	1.6	1.1	7.5	19.1	3.3	8.8	0.4	1.5	0.1	0.5	91.0	89.7	
Ala.	1.2	-	-	10.4	4.7	-	0.9	30.8	44.6	1.7	6.3	28.9	20.3	5.8	0.7	-	0.2	2.3	3.7	2.9	13.1	10.9	4.4	5.1	1.1	-	-	88.6	90.9	
Miss.	3.5	0.4	0.3	-	14.0	6.4	2.0	0.9	60.0	59.2	1.2	3.0	13.1	20.2	0.5	0.4	-	0.1	1.1	0.8	2.9	6.3	1.0	1.9	0.4	0.4	-	-	93.6	91.8
Tenn.	1.0	-	-	43.0	-	-	-	41.0	-	-	-	5.0	-	-	-	-	-	3.0	-	7.0	-	-	-	-	-	-	-	96.0	-	
Ark.	-	-	-	5.5	7.7	0.2	-	75.8	34.5	1.4	11.6	5.8	15.4	1.2	7.7	-	-	-	11.6	8.7	3.8	0.8	7.7	0.6	-	-	-	-	92.8	90.3
Ia.	0.5	0.2	-	12.3	8.6	0.5	0.2	40.4	38.6	-	0.9	2.4	3.3	1.5	0.3	-	-	10.1	7.2	23.7	32.1	5.2	4.2	2.3	3.9	1.1	0.5	92.0	91.6	
Tex.	0.1	0.5	-	*	3.8	23.6	0.2	1.0	27.0	33.5	0.5	0.7	16.5	7.5	3.0	1.1	*	0.1	4.3	8.2	25.2	15.6	9.7	5.6	8.4	2.2	1.3	0.4	88.0	92.9
Ariz.	7.7	1.0	-	58.5	39.5	5.3	5.2	18.4	29.4	-	0.5	0.3	3.9	-	0.2	-	0.3	8.0	14.6	0.8	4.5	0.4	0.1	0.3	0.7	-	0.1	98.6	96.3	
Calif.	2.1	0.6	-	76.5	74.7	9.8	9.7	10.3	13.6	-	0.1	1.1	0.2	-	-	-	-	0.1	0.5	0.1	0.5	-	-	-	0.1	-	-	99.0	98.8	
Other	0.6	-	-	7.7	8.2	-	-	77.1	52.0	-	10.8	1.3	8.6	-	-	-	-	0.9	1.4	12.4	16.3	-	2.7	-	-	-	-	-	93.8	92.1
U. S.	0.5	0.5	*	8.5	26.0	0.8	1.7	31.1	33.2	1.5	0.9	16.4	7.5	2.6	1.0	*	0.1	3.6	7.5	20.0	14.4	7.7	4.8	6.3	2.1	1.0	0.3	89.3	93.2	

1/ Data for current season are preliminary.

2/ Middling White equals 100.

\* Less than 0.05 percent.





Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to October 1, 1974 with 1973 comparisons, by states <sup>1/</sup>

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1973	1974	1973	1974	1973	1974	1973	1974
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
South Carolina	10.6	8.4	-	-	-	-	10.6	8.4
Georgia	2.7	3.7	-	1.4	-	-	2.7	5.1
Alabama	17.0	5.8	-	-	-	-	17.0	5.8
Mississippi	7.4	5.0	-	-	-	0.2	7.4	5.2
Arkansas	0.4	-	0.5	3.8	-	-	0.9	3.8
Louisiana	3.4	3.7	2.2	0.5	-	-	5.6	4.2
Texas	3.0	1.9	8.6	1.3	*	*	11.6	3.2
Arizona	2.9	9.7	0.2	0.1	-	-	3.1	9.8
California	1.2	1.8	-	-	-	-	1.2	1.8
Other	1.7	-	0.4	-	-	-	2.1	-
United States	3.5	2.5	6.4	1.1	*	*	9.9	3.6

<sup>1/</sup> Data for current season are preliminary.

\* Less than 0.05 percent.

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